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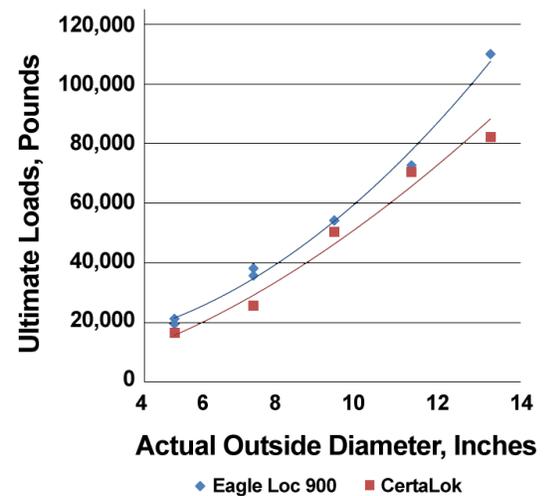
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JOINT TENSILE STRENGTH OF EAGLE LOC 900 CONFIRMED

A recent study at the University of Texas at Arlington has formally confirmed the tensile strength of PVC products with internal joint restraint, including Eagle Loc 900, for horizontal directional drilling applications.

Coordinated by the Center for Underground Infrastructure Research and Education and conducted at UTA's Civil Engineering Laboratory Building, the 12-month testing program examined the strength of all diameters of Eagle Loc 900 DR 18 to determine load limits. (See table below.) It also compared the Eagle Loc 900 data against another PVC product sometimes used for HDD. (See graph at right.)

**ULTIMATE LOADS BY DIAMETER
AWWA C900, DR18**



**DR18 EAGLE LOC 900
JOINT TENSILE STRENGTHS**

NOMINAL DIAMETER (inches)	LOAD AT FAILURE (pounds)
4	20,358*
6	36,952*
8	54,215*
10	72,700
12	110,100

*average of two tests

"The study validates the strength of JM Eagle's C900 products, as well as the superior hold of Eagle Loc 900's interior joint restraint," says Neal Gordon, JM Eagle vice president of marketing. "The combined quality assurance of JM Eagle pipe with the now-confirmed grip of the internal joint restraint makes for a revolutionary product that cities can trust in their infrastructures."

In addition to obtaining joint tensile of the product, the research also validated two pulling head designs, the pinned connection and the serrated internal grip. The heads were able to achieve the full joint tensile strength of the Eagle Loc 900 product without causing failure where it gripped the PVC. The external pulling heads were tested on all Eagle Loc 900 sizes, and the internal pulling heads were validated on sizes 4-inch through 8-inch.

Eagle Loc 900 is also now available in DR 14. Both DR14 and DR18 are covered under JM Eagle's revolutionary 50-year warranty, which promises to replace the pipe and cover damage in the rare event of a manufacturing defect.

"Horizontal directional drilling is changing the way water districts install pipe," says Gordon. "And now it's even more clear that there is no better product for trenchless applications than Eagle Loc 900."